SLP HEALTH CARE
2023 SURVEY

ASHA
Speech-Language Pathology
Dedicated to Advancing the Profession
of Speech-Language Pathology

Survey Summary Report:
Number and Type of Responses

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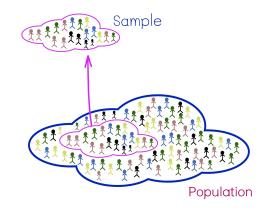jjanota@asha.org

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Contents

Sampling and Response Rates

ASHA used probability (nonreplacement) sampling via a stratified systematic technique to select a sample of 5,000 ASHA-certified speech-language pathologists (SLPs) for the *2023 SLP Health Care Survey.* We stratified the sample by facility type, and we weighted the data to reflect their proportion by facility in the Association. Small groups, such as SLPs who work in pediatric hospitals, were oversampled in order to include sufficient numbers from these groups in the sample. The survey was fielded via postal mail in the spring of 2023.

We obtained a response rate of 34.5% (1,677 completed surveys from a net sample of 4,863 eligible SLPs). This percentage is unweighted.

We weighted data for all tables in the report. The "All Facility Types" column throughout the report reflects results for respondents from the six facility types as well as for the 11 respondents who were employed in "other" types of health care facilities. Therefore, the "All Facility Types" column may not be the sum of the *n*s in the other six columns. We did not present data for table cells with fewer than 25 respondents, and we excluded administrators and supervisors for questions where we limited responses to clinical service providers.

Appendix A contains a list of facilities; Appendix B, a list of regions of the country; Appendix C, a description of statistical terms; and Appendix D, a list of open-ended responses.

ASHA Services and Programs

1. In your opinion, what kind of job is the Association doing in serving its speech-language pathology members who work in health care? (Percentages) Analyses limited to respondents who met the following criterion: ❖ CCC-SLP								
	Facility Type						
Response	**All Facility Types** (*n* = 1,643)	**General Medical/VA/ LTAC/ University Hospital** (*n* = 219)	**Home Health/ Client's Home** (*n* = 268)	**Outpatient Clinic/Office** (*n* = 641)	**Pediatric Hospital** (*n* = 50)	**Rehab Hospital** (*n* = 103)	**Skilled Nursing Facility/ Subacute Care** (*n* = 291)
Poor	16.3	24.2	11.9	13.3	16.0	17.5	19.9
Fair	39.4	38.4	33.2	39.5	44.0	41.7	43.0
Good	37.5	34.7	44.0	39.2	34.0	37.9	32.0
Excellent	6.8	2.7	10.8	8.1	6.0	2.9	5.2
	Statistical significance: $\chi^2(15)$ = 44.8, ***p* = .000,** Cramer's *V* = .097 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						

Workplace

Positions	Facility Type						
	All Facility Types (*n* = 1,665)	General Medical/VA/ LTAC/ University Hospital (*n* = 222)	Home Health/ Client's Home (*n* = 274)	Outpatient Clinic/Office (*n* = 652)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* = 104)	Skilled Nursing Facility/ Subacute Care (*n* = 293)
Yes	46.7	46.4	47.1	48.9	62.0	49.0	36.5
No	53.3	53.6	52.9	51.1	38.0	51.0	63.5
Not currently employed (SKIP to Q. 25.)	Removed from analyses						

2. Do you currently have funded, unfilled positions for SLPs at your facility? (Percentages)
   Analyses limited to respondents who met the following criterion:
   ❖ CCC-SLP

Statistical significance: $\chi^2(5) = 18.4$, **p = .002,** Cramer's *V* = .107
Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.

3. Based on your own observations and experiences, rate the current job market for SLPs in your type of employment facility and in your geographic area. (Percentages)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time

Observations	Facility Type						
	All Facility Types (*n* = 1,632)	General Medical/VA/ LTAC/ University Hospital (*n* = 219)	Home Health/ Client's Home (*n* = 268)	Outpatient Clinic/Office (*n* = 635)	Pediatric Hospital (*n* = 48)	Rehab Hospital (*n* = 101)	Skilled Nursing Facility/ Subacute Care (*n* = 292)
More job openings than job seekers	57.0	42.0	68.3	56.9	54.2	44.6	59.6
Job openings and job seekers in balance	26.4	26.9	22.8	28.8	29.2	23.8	25.7
Fewer job openings than job seekers	16.6	31.1	9.0	14.3	16.7	31.7	14.7
	Statistical significance: $\chi^2(10) = 73.0$, **p = .000,** Cramer's *V* = .153 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						

Employment and Earnings

4. Which one of the following best describes your employment status? (Percentages) Analyses limited to respondents who met the following criterion: ❖ CCC-SLP							
	Facility Type						
Status	**All Facility Types** (*n* = 1,672)	**General Medical/VA/ LTAC/ University Hospital** (*n* = 223)	**Home Health/ Client's Home** (*n* = 276)	**Outpatient Clinic/Office** (*n* = 652)	**Pediatric Hospital** (*n* = 50)	**Rehab Hospital** (*n* = 105)	**Skilled Nursing Facility/ Subacute Care** (*n* = 293)
Recoded, deleting four "Not currently employed" responses							
Employed full time	69.3	57.8	64.1	72.2	74.0	66.7	76.1
Employed part time	30.7	42.2	35.9	27.8	26.0	33.3	23.9
	Statistical significance: $\chi^2(5) = 27.1$, ***p* = .000**, Cramer's *V* = .130 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						

5. Identify whether any of your current work includes the employment arrangements listed below.
Analyses limited to respondents who met the following criteria:
   ❖ CCC-SLP
   ❖ Employed full time or part time
   ❖ Primarily clinical service provider

Arrangement	All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
			Facility Type				
Private Practice							
	$n = 1,366$	$n = 191$	$n = 225$	$n = 523$	$n = 43$	$n = 89$	$n = 238$
Yes	30.2	2.1	43.6	52.8	9.3	2.2	3.4
No	69.8	97.9	56.4	47.2	90.7	97.8	96.6
	Statistical significance: $\chi^2(5) = 341.9$, **p = .000,** Cramer's $V = .511$ Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						
Early Intervention							
	$n = 1,374$	$n = 191$	$n = 243$	$n = 515$	$n = 43$	$n = 90$	$n = 238$
Yes	36.2	7.3	58.4	57.3	41.9	4.4	3.4
No	63.8	92.7	41.6	42.7	58.1	95.6	96.6
	Statistical significance: $\chi^2(5) = 370.0$, **p = .000,** Cramer's $V = .529$ Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						

5. (cont'd) Identify whether any of your current work includes the employment arrangements listed below.
Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Arrangement	All Facility Types	Facility Type					
		General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
Telepractice							
	n = 1,356	n = 195	n = 219	n = 517	n = 45	n = 90	n = 240
Yes	40.1	15.4	49.8	64.4	51.1	6.7	9.6
No	59.9	84.6	50.2	35.6	48.9	93.3	90.4

Statistical significance: $\chi^2(5)$ = 322.5, **p = .000,** Cramer's V = .497
Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.

6.   Select the ONE type of facility that best describes where you work most of the time. *Choose the type of building that best reflects where you work most of the time, recognizing that—for the purposes of this question—private practice, early intervention, and telepractice are not "types of facilities." (Multiple responses will be excluded.)*
        Analyses limited to respondents who met the following criteria:
        ❖ CCC-SLP
        ❖ Employed full time or part time

Facility Type	Unweighted (*n* = 1,604)	Weighted (*n* = 1,612)
General medical, Veterans Affairs (VA), military, long-term acute care (LTAC), or university hospital	16.4	13.8
Home health agency or client's home	17.5	17.1
Outpatient clinic or office (e.g., physician's office, speech and hearing center or clinic)	29.6	40.5
Pediatric hospital	8.6	3.1
Rehabilitation hospital	11.8	6.5
Skilled nursing facility (SNF) or subacute care facility	15.3	18.2
Other health care facility; specify:	0.7	0.8

See Appendix A for list of facilities in each group and Appendix D for specified *other* facilities.

7. Although you may perform more than one job function, select the <u>ONE</u> position that best describes how you spend <u>most</u> of your time. *Only one response can be accepted.* (Percentages)
   Analyses limited to respondents who met the following criteria:
   ❖ CCC-SLP
   ❖ Employed full time or part time

Position	Facility Type						
	All Facility Types (*n* = 1,662)	General Medical/VA/ LTAC/ University Hospital (*n* = 220)	Home Health/ Client's Home (*n* = 276)	Outpatient Clinic/Office (*n* = 653)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* = 105)	Skilled Nursing Facility/ Subacute Care (*n* = 288)
Primarily clinical service provider (e.g., SLP).	89.4	91.8	92.8	87.3	92.0	87.6	88.9
Primarily administrative or supervisory, but I do see some patients.	8.5	5.5	5.8	10.6	6.0	7.6	9.4
Exclusively administrative or supervisory.	2.1	2.7	1.4	2.1	2.0	4.8	1.7
		Too many cells (22%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.					

8. How are you paid in your main job? *Only one response allowed.* (Percentages)
   Analyses limited to respondents who met the following criteria:
   - ❖ CCC-SLP
   - ❖ Employed full time or part time

Basis	Facility Type						
	All Facility Types (*n* = 1,663)	General Medical/VA/ LTAC/ University Hospital (*n* = 222)	Home Health/ Client's Home (*n* = 277)	Outpatient Clinic/Office (*n* = 649)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* = 105)	Skilled Nursing Facility/ Subacute Care (*n* = 291)
Primarily annual salary	33.2	33.8	23.5	43.0	56.0	45.7	12.0
Primarily per hour (SKIP to Q. 10.)	51.0	65.3	26.0	39.6	44.0	53.3	88.0
Primarily per visit (SKIP to Q. 12.)	15.8	0.9	50.5	17.4	0.0	1.0	0.0
	Statistical significance: $\chi^2(10) = 524.7$, ***p* = .000,** Cramer's *V* = .406 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						

9. If you are paid an <u>annual salary</u>, including bonuses, what is your gross annual income before deductions for your main job?

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time
- ❖ Paid primarily an annual salary
- ❖ Annual salary of at least $1

Annual Income	Facility Type						
	All Facility Types **(*n* = 485)**	**General Medical/VA/ LTAC/ University Hospital** **(*n* = 65)**	**Home Health/ Client's Home** **(*n* = 58)**	**Outpatient Clinic/Office** **(*n* = 245)**	**Pediatric Hospital** **(*n* = 22)**	**Rehab Hospital** **(*n* = 43)**	**Skilled Nursing Facility/ Subacute Care** **(*n* = 33)**
25th percentile	$74,000	$81,600	$71,000	$71,000		$76,000	$85,100
50th percentile **(Median)**	$87,000	$95,000	$85,160	$83,500		$87,000	$97,100
75th percentile	$101,000	$111,000	$95,680	$100,000	(*n* < 25)	$98,000	$106,000
Mean	$89,954	$93,378	$84,712	$87,885		$89,530	$96,900
Standard deviation	$25,340	$24,961	$19,169	$28,362		$20,677	$18,888
Mode	$100,000	$88,000	$75,000	$85,000		$90,000	$110,000
		Statistical significance: $F(5, 460) = 2.9$, ***p* = .015** <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.					

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10. If you are paid on an <u>hourly basis</u>, what is the hourly rate you receive at your primary job?
      Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Paid primarily per hour
- ❖ Hourly wage of at least $1

Hourly rate		Facility Type					
	All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
Employed Full Time							
	n = 477	*n* = 60	*n* = 40	*n* = 139	*n* = 13	*n* = 24	*n* = 181
25th percentile	$40.00	$40.00	$44.16	$39.10			$40.99
50th percentile **(Median)**	$45.00	$45.50	$51.00	$45.00			$43.25
75th percentile	$50.00	$50.55	$79.96	$50.53	(*n* < 25)	(*n* < 25)	$46.73
Mean	$47.45	$47.21	$62.40	$47.21			$44.01
Standard deviation	$13.76	$9.81	$27.80	$13.28			$5.64
Mode	$42.00	$50.00	$45.00	$40.00			$42.00
		Statistical significance: $F(5, 451) = 14.7$, ***p = .000*** <u>Conclusion:</u> There is adequate evidence from the data to say that the means vary by facility type.					

10. (cont'd) If you are paid on an <u>hourly basis</u>, what is the hourly rate you receive at your primary job?
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Paid primarily per hour
    ❖ Hourly wage of at least $1

Hourly rate	Facility Type						
	All Facility Types	**General/VA/ Military/ LTAC/ University Hospital**	**Home Health/ Client's Home**	**Outpatient Clinic/Office**	**Pediatric Hospital**	**Rehab Hospital**	**Skilled Nursing Facility/ Subacute Care**
Employed Part Time							
	n = 344	*n* = 83	*n* = 28	*n* = 111	*n* = 8	*n* = 30	*n* = 68
25th percentile	$45.00	$45.00	$44.00	$43.00		$44.16	$46.00
50th percentile **(Median)**	$50.00	$50.00	$54.00	$50.00		$50.00	$50.00
75th percentile	$55.11	$54.00	$80.49	$60.00	(*n* < 25)	$55.00	$55.00
Mean	$52.29	$49.76	$67.24	$52.90		$49.90	$50.56
Standard deviation	$15.00	$7.85	$36.22	$14.81		$7.76	$6.44
Mode	$50.00	$50.00	$44.00	$50.00		$55.00	$55.00
		Statistical significance: $F(5, 322) = 6.8$, **$p = .000$** <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.					

11. On average, how many hours do you work per week for the hourly rate you entered in Q. 10?
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Paid primarily per hour
    ❖ Hourly wage of at least $1

Hours	Facility Type						
	All Facility Types (*n* = 822)	General Medical/VA/ LTAC/ University Hospital (*n* = 143)	Home Health/ Client's Home (*n* = 68)	Outpatient Clinic/Office (*n* = 250)	Pediatric Hospital (*n* = 22)	Rehab Hospital (*n* = 54)	Skilled Nursing Facility/ Subacute Care (*n* = 250)
25th percentile	20.0	16.0	12.0	19.0	(*n* < 25)	18.0	22.0
50th percentile (**Median**)	30.0	25.0	24.0	28.5		25.0	33.0
75th percentile	37.3	38.0	32.0	37.0		37.0	39.3
Mean	26.9	25.4	23.6	26.2		25.9	29.7
Standard deviation	12.4	13.0	13.5	12.3		12.9	11.2
Mode	40.0	40.0	40.0	40.0		40.0	40.0
	Statistical significance: $F(5, 780) = 4.5$, ***p* = .000** Conclusion: There is adequate evidence from the data to say that the means vary by facility type.						

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12. If you are paid per visit, indicate your average per-visit rate.

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Paid primarily per home visit
- ❖ Per visit rate of at least $1

Per-visit wage		Facility Type					
	All Facility Types (*n* = 256)	General Medical/VA/ LTAC/ University Hospital (*n* = 2)	Home Health/ Client's Home (*n* = 137)	Outpatient Clinic/Office (*n* = 109)	Pediatric Hospital (*n* = 0)	Rehab Hospital (*n* = 1)	Skilled Nursing Facility/ Subacute Care (*n* = 0)
25th percentile	$48.00		$58.00	$38.00			
50th percentile (Median)	$62.16		$66.89	$50.00			
75th percentile	$78.30	(*n* < 25)	$80.00	$75.00	(*n* < 25)	(*n* < 25)	(*n* < 25)
Mean	$66.17		$70.06	$61.16			
Standard deviation	$28.27		$24.54	$31.47			
Mode	$65.00		$65.00	$50.00			
		Statistical significance: $F(3, 243) = 2.2$, $p = .090$ Conclusion: There is not enough evidence from the data to say that the means vary by facility type.					

13. Have you worked "off-the-clock" (i.e., unpaid) since January 2022?
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Employed full time or part time
    ❖ Paid per hour or per visit
    ❖ Primarily clinical service provider

Off-the-Clock Work	All Facility Types (*n* = 1,050)	General Medical/VA/ LTAC/ University Hospital (*n* = 143)	Home Health/ Client's Home (*n* = 198)	Outpatient Clinic/Office (*n* = 345)	Pediatric Hospital (*n* = 22)	Rehab Hospital (*n* = 56)	Skilled Nursing Facility/ Subacute Care (*n* = 241)
			Facility Type				
Yes—typically daily	22.2	9.1	36.9	27.8		14.3	13.3
Yes—typically a few times a week	21.9	14.0	26.8	22.3	(*n* < 25)	14.3	23.2
Yes—typically a few times a month	17.3	18.9	11.1	20.0		16.1	17.8
No—never	38.5	58.0	25.3	29.9		55.4	45.6
		Statistical significance: $\chi^2(15) = 99.4$, **_p_ = .000,** Cramer's *V* = .182 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.					

Professional Services: I*f you provide NO clinical services, SKIP to Q. 23.*

Since January 2022, my caseload size at my primary place of employment . . . (Percentages)							
Analyses limited to respondents who met the following criteria: ❖ CCC-SLP ❖ Employed full time or part time ❖ Primarily clinical service provider							
	Facility Type						
Caseload Size	**All Facility Types** **(*n* = 1,460)**	**General Medical/VA/ LTAC/ University Hospital** **(*n* = 198)**	**Home Health/ Client's Home** **(*n* = 249)**	**Outpatient Clinic/Office** **(*n* = 564)**	**Pediatric Hospital** **(*n* = 45)**	**Rehab Hospital** **(*n* = 91)**	**Skilled Nursing Facility/ Subacute Care** **(*n* = 248)**
Has remained the same	44.7	43.4	40.2	46.8	51.1	61.5	41.1
Has increased	43.7	49.5	41.8	48.8	46.7	29.7	32.3
Has decreased	11.6	7.1	18.1	4.4	2.2	8.8	26.6
	Statistical significance: $\chi^2(10)$ = 116.5, ***p* = .000,** Cramer's *V* = .204 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						

14.

15. In a typical month, for how many employers do you work as a clinical service provider?
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Clinical service provider

Employers	Facility Type						
	All Facility Types (*n* = 1,429)	General Medical/VA/ LTAC/ University Hospital (*n* = 196)	Home Health/ Client's Home (*n* = 223)	Outpatient Clinic/Office (*n* = 526)	Pediatric Hospital (*n* = 45)	Rehab Hospital (*n* = 86)	Skilled Nursing Facility/ Subacute Care (*n* = 248)
25th percentile	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50th percentile (Median)	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75th percentile	1.0	1.0	1.0	1.0	1.0	1.0	2.0
Mean	1.5	1.3	1.6	1.5	1.4	1.8	1.6
Standard deviation	2.3	0.8	2.9	2.6	2.6	4.3	0.9
Mode	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Statistical significance: $F(5, 1318) = 0.7$, $p = 646$ <u>Conclusion</u>: There is not enough evidence from the data to say that the means vary by facility type.						

16. What is your productivity requirement?
    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Productivity Requirement	Facility Type						
	All Facility Types	General Medical/VA/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
	n = 829	*n* = 142	*n* = 67	*n* = 246	*n* = 33	*n* = 68	*n* = 239
25th percentile	75%	69%	75%	70%	60%	75%	83%
50th percentile **(Median)**	80%	75%	80%	80%	69%	75%	85%
75th percentile	86%	81%	90%	85%	76%	81%	90%
Mean	79%	76%	80%	77%	69%	78%	85%
Standard deviation	12%	13%	18%	12%	11%	9%	6%
Mode	80%	75%	80%	80%	60%	75%	85%
	Statistical significance: $F(5, 788) = 22.3$, ***p = .000*** <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						
	n = 1,485	*n* = 202	*n* = 255	*n* = 570	*n* = 46	*n* = 92	*n* = 256
Selected option: I have none. (SKIP to Q. 18.)	39.2	21.8	65.1	52.3	23.9	22.8	5.9
Did not select option	60.8	78.2	34.9	47.7	76.1	77.2	94.1
	Statistical significance: $\chi^2(5) = 273.0$, ***p = .000,*** Cramer's *V* = .438 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						

17. Which of the following activities count toward your productivity calculation when the patient is <u>not present</u>? *Select all that apply.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Activities	All Facility Types (*n* = 1,485)	General Medical/VA/ LTAC/ University Hospital (*n* ≥ 201)	Home Health/ Client's Home (*n* ≥ 255)	Outpatient Clinic/Office (*n* = 570)	Pediatric Hospital (*n* ≥ 45)	Rehab Hospital (*n* = 92)	Skilled Nursing Facility/ Subacute Care (*n* ≥ 256)
		Facility Type					
Clinical team meetings.	13.4	14.4	13.3	9.6	15.6	26.1	13.6
	Statistical significance: $\chi^2(5)$ = 20.4, ***p* = .001,** Cramer's *V* = .120 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						
In-service or informal staff training sessions.	12.0	14.4	11.8	9.1	10.9	20.7	12.1
	Statistical significance: $\chi^2(5)$ = 12.3, ***p* = .031,** Cramer's *V* = .093 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						
Documentation.	11.2	11.9	7.0	9.6	15.2	12.0	15.2
	Statistical significance: $\chi^2(5)$ = 11.1, *p* = .050 <u>Conclusion</u>: There is not enough evidence from the data to say that the means vary by facility type.						
Care coordination activities.	8.5	7.9	7.8	5.3	15.2	15.2	10.5
	Statistical significance: $\chi^2(5)$ = 17.8, ***p* = .003,** Cramer's *V* = .112 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						

17. (cont'd) Which of the following activities count toward your productivity calculation when the patient is <u>not present</u>? *Select all that apply.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies.)
Analyses limited to respondents who met the following criteria:
❖ CCC-SLP
❖ Employed full time or part time
❖ Primarily clinical service provider

Activities	Facility Type						
	All Facility Types (*n* = 1,485)	General Medical/VA/ LTAC/ University Hospital (*n* ≥ 201)	Home Health/ Client's Home (*n* ≥ 255)	Outpatient Clinic/Office (*n* = 570)	Pediatric Hospital (*n* ≥ 45)	Rehab Hospital (*n* = 92)	Skilled Nursing Facility/ Subacute Care (*n* ≥ 256)
Other activities; specify.	4.3	7.0	3.9	4.0	4.4	2.2	4.7
	Statistical significance: $\chi^2(5)$ = 4.6, *p* = .471 <u>Conclusion</u>: There is not enough evidence from the data to say that the means vary by facility type.						
Nothing counts when patient is not present.	41.7	51.0	23.8	35.9	54.3	45.7	62.9
	Statistical significance: $\chi^2(5)$ = 99.4, ***p* = .000,** Cramer's *V* = .264 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						

Note. See Appendix D for list of specified other activities, by facility.

18. Since January 2022, have you felt pressured by an employer or supervisor to engage in any of the following activities? *Select all that apply.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies.)

        Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time

Pressure		Facility Type						
	All Facility Types (*n* = 1,672)	General Medical/VA/ LTAC/ University Hospital (*n* = 223)	Home Health/ Client's Home (*n* ≥ 276)	Outpatient Clinic/Office (*n* ≥ 652)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* ≥ 104)	Skilled Nursing Facility/ Subacute Care (*n* = 293)
Discharge inappropriately (e.g., early or delayed)	10.4	7.2	8.7	4.6	6.0	9.6	27.6
		Statistical significance: $\chi^2(5)$ = 123.0, ***p* = .000,** Cramer's *V* = .277 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						
Provide inappropriate frequency or intensity of services	10.3	8.1	7.2	6.9	12.0	12.4	20.8
		Statistical significance: $\chi^2(5)$ = 48.4, ***p* = .000,** Cramer's *V* = .174 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						
Provide evaluation and treatment that are not clinically appropriate	9.5	9.4	4.3	4.4	2.0	13.3	24.9
		Statistical significance: $\chi^2(5)$ = 115.3, ***p* = .000,** Cramer's *V* = .268 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						
							(Question 18 continues on next page.)

18. (cont'd) In the past 12 months, have you felt pressured by an employer or supervisor to engage in any of the following activities? *Select all that apply.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time

Pressure	Facility Type						
	All Facility Types (*n* = 1,672)	General Medical/VA/ LTAC/ University Hospital (*n* = 223)	Home Health/ Client's Home (*n* ≥ 276)	Outpatient Clinic/Office (*n* ≥ 652)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* ≥ 104)	Skilled Nursing Facility/ Subacute Care (*n* = 293)
Provide services for which you had inadequate training and/or experience	8.7	6.3	5.8	11.3	8.0	5.7	8.5
	Statistical significance: $\chi^2(5)$ = 11.6, ***p* = .040,** Cramer's *V* = .085 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						
Provide group therapy when individual therapy was appropriate	8.7	2.2	1.8	3.8	2.0	8.6	32.1
	Statistical significance: $\chi^2(5)$ = 252.5, ***p* = .000,** Cramer's V = .397 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						
Alter documentation for reimbursement	4.6	2.7	3.3	2.9	2.0	1.9	11.3
	Statistical significance: $\chi^2(5)$ = 41.1, ***p* = .000,** Cramer's *V* = .160 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						
Did not feel pressured	69.1	74.9	77.2	74.5	78.0	69.2	46.1
	Statistical significance: $\chi^2(5)$ = 96.2, ***p* = .000,** Cramer's *V* = .245 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						

19. If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

      Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 44	*n* = 165	*n* = 451	*n* = 44	*n* = 14	*n* = 15
Augmentative and alternative communication	1	2.0	2.3	1.2	1.8	6.8	(*n* < 25)	(*n* < 25)
	2	4.0	0.0	4.2	4.2	2.3		
	3	8.3	6.8	12.7	7.3	9.1		
	4	17.8	9.1	14.5	20.4	13.6		
	5	19.4	11.4	21.2	19.3	9.1		
	1–5	51.4	29.5	53.9	53.0	40.9		
		Too many cells (47%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 451	*n* = 45	*n* = 14	*n* = 15
Autism spectrum disorder	1	27.8	11.1	28.0	30.8	15.6	(*n* < 25)	(*n* < 25)
	2	17.5	4.4	22.0	17.3	15.6		
	3	21.2	13.3	23.2	22.2	4.4		
	4	9.7	6.7	6.7	12.0	6.7		
	5	6.9	4.4	7.3	7.1	8.9		
	1–5	83.0	40.0	87.2	89.4	51.1		
		Too many cells (44%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 450	*n* = 46	*n* = 14	*n* = 14
Childhood apraxia	1	2.9	4.4	1.2	3.3	0.0	(*n* < 25)	(*n* < 25)
	2	4.9	0.0	3.0	6.0	2.2		
	3	8.3	6.7	9.8	8.4	6.5		
	4	17.2	6.7	22.0	17.8	8.7		
	5	14.3	8.9	11.0	17.3	6.5		
	1–5	47.8	26.7	47.0	52.9	23.9		
		Too many cells (47%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area			Facility Type					
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 450	*n* = 45	*n* = 13	*n* = 15
Cleft lip/palate	1	0.7	2.2	0.0	0.9	2.5	(*n* < 25)	(*n* < 25)
	2	2.0	8.9	1.2	0.2	15.6		
	3	1.2	8.9	0.0	0.2	6.7		
	4	1.5	0.0	1.8	1.6	4.4		
	5	2.7	6.7	3.7	2.2	4.4		
	1–5	8.2	26.7	6.7	5.1	33.3		
		Too many cells (75%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 166	*n* = 451	*n* = 45	*n* = 13	*n* = 14
Cognitive-communication	1	3.3	0.0	4.8	2.2	2.2	(*n* < 25)	(*n* < 25)
	2	7.3	24.4	12.7	2.7	17.8		
	3	6.4	6.7	9.6	4.9	8.9		
	4	7.3	6.7	12.0	5.8	6.7		
	5	9.2	2.2	11.4	9.5	6.7		
	1–5	33.6	40.0	50.6	25.1	42.2		
		Too many cells (58%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		**Facility Type**						
		All Facility Types	**General/VA/ Military/ LTAC/ University Hospital**	**Home Health/ Client's Home**	**Outpatient Clinic/Office**	**Pediatric Hospital**	**Rehab Hospital**	**Skilled Nursing Facility/ Subacute Care**
		n = 760	*n* = 45	*n* = 164	*n* = 450	*n* = 44	*n* = 12	*n* = 15
Fluency	1	0.2	0.0	0.0	0.2	0.0	(*n* < 25)	(*n* < 25)
	2	0.3	0.0	0.6	0.2	0.0		
	3	1.8	0.0	0.6	2.7	0.0		
	4	5.9	4.4	4.3	6.7	0.0		
	5	11.8	11.1	6.1	15.3	2.3		
	1–5	20.0	15.6	11.6	25.1	2.3		
		Too many cells (64%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		$n = 760$	$n = 45$	$n = 164$	$n = 450$	$n = 45$	$n = 12$	$n = 15$
Gender affirming voice services	1	0.2	0.0	0.0	0.2	0.0	(*n* < 25)	(*n* < 25)
	2	0.2	0.0	0.0	0.2	0.0		
	3	0.5	0.0	0.0	0.7	0.0		
	4	0.2	0.0	0.0	0.2	0.0		
	5	0.1	0.0	0.0	0.0	2.2		
	1–5	1.1	0.0	0.0	1.3	2.2		
		Too many cells (83%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:

❖ CCC-SLP
❖ Employed full time or part time
❖ Primarily clinical service provider
❖ Provides at least one of the pediatric services in the list

Pediatric Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 46	*n* = 165	*n* = 449	*n* = 45	*n* = 12	*n* = 15
Language and literacy	1	24.1	6.5	32.7	25.2	8.9	(*n* < 25)	(*n* < 25)
	2	27.9	17.4	26.1	30.5	15.6		
	3	15.1	6.5	13.9	15.8	17.8		
	4	10.8	17.4	5.5	12.5	13.3		
	5	3.9	4.3	4.2	3.6	6.7		
	1–5	81.7	52.2	82.4	87.5	62.2		
		Too many cells (42%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 451	*n* = 45	*n* = 13	*n* = 14
Speech sound disorders	1	20.9	15.6	15.9	24.2	4.4	(*n* < 25)	(*n* < 25)
	2	24.7	17.8	23.2	27.9	8.9		
	3	23.0	15.6	18.3	26.6	17.8		
	4	9.3	4.4	13.4	7.3	17.8		
	5	6.3	6.7	9.8	4.2	11.1		
	1–5	84.1	60.0	80.5	90.2	60.0		

Too many cells (44%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		All Facility Types	Facility Type					
			General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 165	*n* = 449	*n* = 47	*n* = 13	*n* = 15
Swallowing and feeding	1	13.5	55.6	10.9	6.7	51.1	(*n* < 25)	(*n* < 25)
	2	5.7	6.7	4.8	5.8	6.4		
	3	4.7	0.0	7.3	3.6	6.4		
	4	8.7	2.2	12.7	8.2	2.1		
	5	8.3	4.4	10.3	8.5	6.4		
	1–5	40.8	68.9	46.1	32.7	72.3		
		Too many cells (50%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 450	*n* = 46	*n* = 13	*n* = 15
Voice/resonance	1	1.5	2.2	0.0	2.2	0.0	(*n* < 25)	. (*n* < 25)
	2	1.0	2.2	0.0	0.9	2.2		
	3	1.8	8.9	0.6	1.1	4.3		
	4	1.6	4.4	0.6	1.1	6.5		
	5	1.8	0.0	1.2	1.6	6.5		
	1–5	7.9	17.8	2.4	7.1	19.6		
		Too many cells (72%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 19 continues on next page.)

19. (cont'd) If you provided <u>PEDIATRIC</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the pediatric services in the list

Pediatric Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 760	*n* = 45	*n* = 164	*n* = 450	*n* = 46	*n* = 13	*n* = 15
Other diagnosis; specify	1	3.1	0.0	4.9	2.7	8.7	(*n* < 25)	(*n* < 25)
	2	0.9	0.0	0.6	0.7	6.5		
	3	1.4	0.0	1.2	1.6	4.3		
	4	0.3	0.0	0.0	0.2	2.2		
	5	1.0	2.2	0.6	0.9	2.2		
	1–5	6.7	2.2	7.3	6.0	23.9		
		Too many cells (75%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

Note. 1 = the percentage who put that diagnosis in first place; 2 = the percentage who put that diagnosis in second place; 3 = the percentage who put that diagnosis in third place; 4 = the percentage who put that diagnosis in fourth place; 5 = the percentage who put that diagnosis in fifth place; 1–5 = the total percentage who selected the diagnosis for one of their top five pediatric diagnoses.

See Appendix D for list of specified other pediatric diagnoses, by facility.

20. If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 246	*n* = 5	*n* = 85	*n* = 249
Accent modification/ communication effectiveness	1	0.1	0.0	0.0	0.4	(*n* < 25)	0.0	0.0
	2	0.1	0.0	0.0	0.4		0.0	0.0
	3	0.3	0.0	0.0	1.2		0.0	0.0
	4	0.1	0.0	0.0	0.4		0.0	0.0
	5	0.0	0.0	0.0	0.0		0.0	0.0
	1–5	0.7	0.0	0.0	2.4		0.0	0.0

Too many cells (83%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 112	*n* = 246	*n* = 5	*n* = 85	*n* = 249
Aphasia	1	6.7	1.0	8.0	17.9		2.4	0.4
	2	16.7	21.4	17.0	21.1		7.1	5.2
	3	26.9	36.2	28.6	11.0	(*n* < 25)	25.9	31.7
	4	23.3	24.0	17.9	12.2		37.6	35.7
	5	9.8	8.2	8.0	6.5		23.5	15.3
	1–5	83.3	90.8	79.5	68.7		97.6	88.5

Statistical significance: $\chi^2(25)$ = 234.2, ***p* = .000,** Cramer's *V* = .229
<u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 247	*n* = 5	*n* = 85	*n* = 248
Apraxia of speech	1	0.6	0.0	1.8	1.2		0.0	0.0
	2	1.2	0.5	1.8	2.8		0.0	0.4
	3	3.1	2.0	2.7	6.5	(*n* < 25)	3.5	0.8
	4	4.3	4.6	3.6	5.7		11.8	0.8
	5	8.3	11.7	0.9	6.1		24.7	5.2
	1–5	17.4	18.9	10.8	22.3		40.0	7.3

Too many cells (56%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 246	*n* = 5	*n* = 86	*n* = 248
Auditory (re)habilitation	1	0.2	0.0	0.0	0.4	(*n* < 25)	0.0	0.0
	2	0.2	0.5	0.0	0.4		0.0	0.0
	3	0.4	0.0	0.0	0.4		0.0	0.8
	4	0.2	0.0	0.0	0.4		1.2	0.0
	5	0.7	1.0	0.0	1.2		0.0	0.8
	1–5	1.8	1.5	0.0	2.8		1.2	1.6

Too many cells (86%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		Facility Type						
		All Facility Types	**General/VA/ Military/ LTAC/ University Hospital**	**Home Health/ Client's Home**	**Outpatient Clinic/Office**	**Pediatric Hospital**	**Rehab Hospital**	**Skilled Nursing Facility/ Subacute Care**
		n = 939	*n* = 197	*n* = 111	*n* = 245	*n* = 5	*n* = 86	*n* = 249
Augmentative and alternative communication	1	1.0	0.0	1.8	2.0	(*n* < 25)	0.0	0.4
	2	1.2	0.0	3.6	2.0		1.2	0.4
	3	0.6	0.5	0.9	0.4		1.2	0.4
	4	2.8	3.0	3.6	2.0		1.2	4.0
	5	6.5	7.1	11.7	4.5		4.7	6.8
	1–5	12.2	10.7	21.6	11.0		8.1	12.0
		Too many cells (64%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

    Analyses limited to respondents who met the following criteria:

- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		Facility Type						
		All Facility Types	**General/VA/ Military/ LTAC/ University Hospital**	**Home Health/ Client's Home**	**Outpatient Clinic/Office**	**Pediatric Hospital**	**Rehab Hospital**	**Skilled Nursing Facility/ Subacute Care**
		n = 939	*n* = 196	*n* = 111	*n* = 246	*n* = 5	*n* = 85	*n* = 249
Autism spectrum disorder	1	1.4	0.5	3.6	3.3	(*n* < 25)	0.0	0.0
	2	0.8	0.0	1.8	1.6		0.0	0.0
	3	0.3	0.0	0.9	0.4		0.0	0.0
	4	0.2	0.0	1.8	0.0		0.0	0.0
	5	0.2	0.5	0.0	0.4		0.0	0.0
	1–5	3.0	1.0	8.1	5.7		0.0	0.0

Too many cells (86%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 247	*n* = 5	*n* = 85	*n* = 249
Central auditory processing disorder	1	0.1	0.0	0.0	0.0		0.0	0.0
	2	0.1	0.0	0.0	0.4		0.0	0.0
	3	0.4	0.0	0.9	1.2	(*n* < 25)	0.0	0.0
	4	0.8	0.0	0.0	1.2		0.0	2.0
	5	0.0	0.0	0.0	0.0		0.0	0.0
	1–5	1.4	0.0	0.9	2.8		0.0	2.0
		Too many cells (79%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 195	*n* = 112	*n* = 247	*n* = 5	*n* = 85	*n* = 249
Cognitive communication: degenerative (e.g., dementia)	1	19.2	1.5	30.4	10.5	(*n* < 25)	3.5	40.6
	2	21.8	14.4	25.9	10.1		10.6	42.2
	3	11.8	15.9	17.0	10.9		10.6	6.8
	4	8.3	15.9	4.5	6.5		9.4	4.4
	5	8.4	9.2	5.4	13.0		16.5	2.8
	1–5	69.5	56.9	83.0	51.0		50.6	96.8
		Statistical significance: $\chi^2(25)$ = 368.2, ***p* = .000,** Cramer's *V* = .287 <u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.						
		(Question 20 continues on next page.)						

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 112	*n* = 246	*n* = 5	*n* = 86	*n* = 248
Cognitive communication: non-degenerative (e.g., acquired brain injury)	1	15.0	6.1	12.5	19.9	(*n* < 25)	55.8	3.2
	2	18.2	35.7	11.6	13.8		16.3	12.5
	3	17.5	18.4	15.2	9.3		15.1	27.4
	4	9.5	12.8	8.9	6.1		7.0	10.9
	5	9.3	10.7	7.1	9.3		2.3	12.5
	1–5	69.6	83.7	55.4	58.5		96.5	66.5

Statistical significance: $\chi^2(25) = 270.8$, **p = .000,** Cramer's *V* = .246
<u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 247	*n* = 5	*n* = 85	*n* = 249
Dysarthria	1	1.0	0.0	0.9	3.2	(*n* < 25)	0.0	0.0
	2	5.3	7.7	6.3	4.0		3.5	4.4
	3	13.6	17.9	5.4	12.1		11.8	14.9
	4	26.5	27.6	27.0	22.7		36.5	28.1
	5	22.4	25.5	21.6	10.5		32.9	29.7
	1–5	68.8	78.6	61.3	52.6		84.7	77.1
		Too many cells (33%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 247	*n* = 5	*n* = 86	*n* = 249
Gender affirming voice services	1	0.4	0.5	0.0	1.2	(*n* < 25)	0.0	0.0
	2	0.7	0.5	0.0	2.0		1.2	0.0
	3	0.5	0.5	0.0	1.6		0.0	0.0
	4	0.4	0.0	0.0	1.2		0.0	0.0
	5	0.4	0.5	0.0	1.2		0.0	0.0
	1–5	2.4	2.0	0.0	7.3		1.2	0.0
		Too many cells (86%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area			**Facility Type**					
		All Facility Types	**General/VA/ Military/ LTAC/ University Hospital**	**Home Health/ Client's Home**	**Outpatient Clinic/Office**	**Pediatric Hospital**	**Rehab Hospital**	**Skilled Nursing Facility/ Subacute Care**
		n = 939	*n* = 196	*n* = 111	*n* = 246	*n* = 5	*n* = 86	*n* = 249
Orofacial myofunctional disorders	1	0.4	0.0	0.0	1.6	(*n* < 25)	0.0	0.0
	2	0.1	0.0	0.0	0.0		0.0	0.0
	3	0.4	0.5	1.8	0.4		0.0	0.0
	4	0.1	0.0	0.0	0.0		0.0	0.4
	5	0.7	1.0	0.9	0.4		1.2	0.4
	1–5	1.8	1.5	2.7	2.4		1.2	0.8
		Too many cells (83%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	Facility Type					
			General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 246	*n* = 5	*n* = 86	*n* = 249
Reading and writing disorders	1	0.1	0.0	0.0	0.4	(*n* < 25)	0.0	0.0
	2	0.1	0.0	0.0	0.4		0.0	0.0
	3	0.9	0.0	0.0	2.8		0.0	0.4
	4	0.3	0.0	0.9	0.4		0.0	0.0
	5	2.1	1.0	4.5	2.8		1.2	2.0
	1–5	3.5	1.0	5.4	6.9		1.2	2.4

Too many cells (81%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 245	*n* = 5	*n* = 86	*n* = 249
Speech production (non-dysarthria)	1	0.6	0.0	0.0	2.0	(*n* < 25)	0.0	0.0
	2	1.3	1.0	0.9	2.0		0.0	0.8
	3	1.7	1.0	0.9	2.0		1.2	2.8
	4	3.7	2.0	5.4	4.5		0.0	4.0
	5	4.0	3.6	4.5	2.0		2.3	6.8
	1–5	11.3	7.7	11.7	12.7		3.5	15.3

Too many cells (69%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 20 continues on next page.)

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20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 111	*n* = 247	*n* = 4	*n* = 86	*n* = 249
Swallowing	1	49.8	89.3	38.7	25.1		31.4	55.0
	2	22.8	6.6	27.0	18.2		39.5	32.9
	3	11.1	2.0	17.1	15.0	(*n* < 25)	18.6	9.2
	4	3.5	0.0	3.6	6.1		7.0	2.0
	5	2.9	0.5	5.4	5.7		1.2	0.4
	1–5	90.0	98.5	91.9	70.0		97.7	99.6

Too many cells (28%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	**Facility Type**					
			General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 196	*n* = 112	*n* = 247	*n* = 5	*n* = 87	*n* = 249
Voice/resonance	1	2.6	0.5	0.0	8.9	(*n* < 25)	1.1	0.0
	2	4.6	7.1	1.8	8.5		2.3	0.4
	3	5.4	3.1	3.6	10.9		1.1	4.4
	4	8.5	6.1	15.2	10.5		1.1	6.8
	5	14.5	15.3	19.6	13.4		10.3	16.1
	1–5	35.8	32.1	40.2	52.2		16.1	27.7
		Too many cells (28%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 20 continues on next page.)

20. (cont'd) If you provided <u>ADULT</u> services since January 2022, rank-order from 1 to 5 the <u>TOP 5</u> areas that you treated, with 1 being the area that you treated most frequently. (Columns do not equal 100% because the remaining respondents did not select the area as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider
- ❖ Provides at least one of the adult services in the list

Adult Area		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 939	*n* = 197	*n* = 111	*n* = 248	*n* = 5	*n* = 85	*n* = 249
Other diagnosis; specify	1	0.7	0.5	1.8	1.6		0.0	0.0
	2	1.9	3.6	0.0	4.0		0.0	0.0
	3	0.8	1.0	1.8	1.2	(*n* < 25)	0.0	0.4
	4	1.2	2.0	1.8	2.0		0.0	0.0
	5	0.8	1.5	0.9	1.2		0.0	0.0
	1–5	5.4	8.6	6.3	10.1		0.0	0.4
		Too many cells (86%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

Note. 1 = the percentage who put that diagnosis in first place; 2 = the percentage who put that diagnosis in second place; 3 = the percentage who put that diagnosis in third place; 4 = the percentage who put that diagnosis in fourth place; 5 = the percentage who put that diagnosis in fifth place; 1–5 = the total percentage who selected the diagnosis for one of their top 5 adult diagnoses.

See Appendix D for list of specified other adult diagnoses, by facility.

Telepractice

21. Do you currently provide services via telepractice to the following age groups?
Analyses limited to respondents who met the following criteria:
❖ CCC-SLP
❖ Employed full time or part time
❖ Primarily clinical service provider

Age Group	All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
				Facility Type			
Infants–toddlers							
	n = 1,272	n = 174	n = 220	n = 470	n = 42	n = 86	n = 227
Yes	16.0	1.7	32.3	22.1	38.1	1.2	1.8
No	84.0	98.3	67.7	77.9	61.9	98.8	98.2
		Statistical significance: $\chi^2(5)$ = 144.0, **p = .000,** Cramer's V = .344 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.					
Preschoolers							
	n = 1,270	n = 173	n = 201	n = 491	n = 42	n = 85	n = 226
Yes	17.8	1.7	16.9	32.2	45.2	1.2	0.9
No	82.2	98.3	83.1	67.8	54.8	98.8	99.1
		Statistical significance: $\chi^2(5)$ = 181.7, **p = .000,** Cramer's V = .386 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.					

21. (cont'd) Do you currently provide services via telepractice to the following age groups?
        Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Arrangement	Facility Type						
	All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
School-age children or adolescents							
	n = 1,296	*n* = 170	*n* = 206	*n* = 512	*n* = 42	*n* = 86	*n* = 226
Yes	27.3	4.1	24.3	50.0	47.6	3.5	0.9
No	72.7	95.9	75.7	50.0	52.4	96.5	99.1
	Statistical significance: $\chi^2(5)$ = 293.2, ***p* = .000,** Cramer's *V* = .486 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						
Adults							
	n = 1,253	*n* = 179	*n* = 195	*n* = 476	*n* = 36	*n* = 85	*n* = 232
Yes	18.0	17.3	14.9	26.1	8.3	5.9	10.8
No	82.0	82.7	85.1	73.9	91.7	94.1	89.2
	Statistical significance: $\chi^2(5)$ = 41.1, ***p* = .000,** Cramer's *V* = .185 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.						

22. What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 201	*n* = 255	*n* = 569	*n* = 46	*n* = 93	*n* = 257
Patients on my caseload are not appropriate for telepractice due to clinical presentation.	1	18.2	28.4	10.6	17.6	26.1	22.6	19.5
	2	10.6	3.0	12.5	14.4	13.0	8.6	6.6
	3	9.3	4.0	14.1	11.1	10.9	3.2	6.6
	4	3.9	3.5	2.7	5.1	2.2	1.1	4.3
	5	2.2	1.5	3.1	1.9	2.2	1.1	2.3
	1–5	44.2	40.3	43.1	50.1	54.3	36.6	39.3

Statistical significance: $\chi^2(25)$ = 80.4, ***p* = .000,** Cramer's *V* = .106
<u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 201	*n* = 256	*n* = 569	*n* = 46	*n* = 92	*n* = 257
Patient/family does not want services via telepractice.	1	11.0	1.5	26.6	13.5	8.7	3.3	1.9
	2	10.2	6.0	13.7	14.4	10.9	3.3	4.3
	3	6.6	4.5	9.0	7.9	8.7	4.3	3.9
	4	4.2	1.5	3.5	6.0	8.7	4.3	2.3
	5	3.4	1.5	2.0	4.0	2.2	4.3	5.1
	1–5	35.4	14.9	54.7	45.9	39.1	19.6	17.5

Statistical significance: $\chi^2(25)$ = 209.4, ***p* = .000,** Cramer's *V* = .172
<u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 571	*n* = 45	*n* = 92	*n* = 256
Patient/family has barriers to effective participation via telepractice (e.g., rural/remote settings, unable to access dedicated device, poor bandwidth).	1	8.3	5.9	11.3	11.4	11.1	1.1	2.0
	2	9.9	4.5	18.4	11.7	15.6	4.3	3.1
	3	8.7	3.5	11.3	11.6	11.1	4.3	5.9
	4	4.7	3.5	5.1	5.6	2.2	3.3	4.3
	5	2.7	3.0	2.3	2.6	2.2	4.3	2.7
	1–5	34.2	20.3	48.4	42.9	42.2	17.4	18.0

Statistical significance: $\chi^2(25)$ = 129.1, **p = .000,** Cramer's *V* = .135
<u>Conclusion</u>: There is adequate evidence from the data to say that the means vary by facility type.

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 92	*n* = 257
Facility does not have appropriate infrastructure (e.g., dedicated space, Internet bandwidth, equipment).	1	5.4	3.5	1.6	5.1	2.2	6.5	11.3
	2	3.4	3.5	2.7	2.8	2.2	6.5	4.3
	3	3.8	4.5	2.7	3.2	4.4	2.2	5.8
	4	3.0	1.5	3.9	2.5	4.4	0.0	4.7
	5	2.4	1.5	3.1	2.8	2.2	0.0	1.6
	1–5	18.0	14.4	14.1	16.3	15.6	15.2	27.6

Too many cells (31%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 92	*n* = 256
Payer coverage limitations	1	4.3	1.5	3.9	7.5	4.4	1.1	0.8
	2	4.0	2.5	2.7	6.0	4.4	2.2	2.7
	3	2.6	1.5	2.7	3.9	0.0	2.2	0.4
	4	3.6	3.0	5.9	4.4	2.2	1.1	2.0
	5	2.7	0.5	3.5	2.8	2.2	3.3	4.3
	1–5	17.1	8.9	18.7	24.6	13.3	9.8	10.2

Too many cells (31%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	Facility Type					
			General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 91	*n* = 255
I am not comfortable with telepractice.	1	3.7	2.5	5.1	2.8	2.2	3.3	5.1
	2	3.0	2.5	2.0	3.2	0.0	1.1	5.5
	3	2.7	0.5	2.7	3.9	2.2	2.2	2.7
	4	3.2	1.0	4.7	3.7	2.2	3.3	3.1
	5	4.1	2.0	5.1	4.6	2.2	2.2	5.1
	1–5	16.7	8.4	19.5	18.1	8.9	12.1	21.6

Too many cells (28%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 93	*n* = 258
Limitations imposed by state law, licensure, and/or practice act	1	4.0	2.5	5.5	5.6	8.9	2.2	0.4
	2	2.5	3.0	1.2	3.3	2.2	1.1	1.6
	3	2.2	1.5	3.1	2.1	2.2	3.2	1.6
	4	2.2	1.5	1.6	3.2	4.4	3.2	1.6
	5	2.1	1.0	2.0	3.3	2.2	0.0	1.6
	1–5	13.2	9.4	13.3	17.5	20.0	9.7	6.6
		Too many cells (39%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		Facility Type						
		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 571	*n* = 46	*n* = 92	*n* = 257
The administration/ management does not see the benefits versus costs of providing services via telepractice.	1	2.6	4.5	2.0	1.8	2.2	2.2	4.3
	2	1.8	1.0	1.2	1.9	2.2	5.4	1.9
	3	1.3	1.5	0.4	1.2	2.2	2.2	1.6
	4	2.5	2.0	3.1	2.5	0.0	2.2	3.1
	5	1.7	1.5	1.6	1.8	2.2	2.2	2.3
	1–5	10.0	10.4	8.2	9.1	8.8	14.1	13.2
		Too many cells (53%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 93	*n* = 256
Accessing or integrating the services of trained interpreters	1	0.6	0.0	0.8	0.7	0.0	1.1	0.4
	2	1.5	0.0	1.2	1.4	6.7	1.1	2.7
	3	1.9	1.5	2.3	2.5	2.2	2.2	0.8
	4	2.7	1.0	2.3	4.0	4.4	1.1	2.0
	5	2.4	3.0	3.5	1.8	4.4	2.2	1.6
	1–5	9.0	5.4	10.2	10.4	17.8	7.5	7.4
		Too many cells (53%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)

   Analyses limited to respondents who met the following criteria:
   ❖ CCC-SLP
   ❖ Employed full time or part time
   ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 203	*n* = 256	*n* = 569	*n* = 45	*n* = 92	*n* = 257
Inadequate availability of trained facilitators	1	0.8	0.0	0.8	0.2	0.0	1.1	2.3
	2	2.0	1.0	1.2	1.2	0.0	1.1	6.6
	3	2.3	0.5	0.8	2.6	2.2	1.1	5.1
	4	1.7	1.0	1.6	0.9	2.2	2.2	3.9
	5	1.7	1.5	2.3	1.4	0.0	2.2	2.3
	1–5	8.4	3.9	6.6	6.3	4.4	7.6	20.2

Too many cells (61%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

(Question 22 continues on next page.)

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 46	*n* = 92	*n* = 256
Challenges with infection control of shared equipment	1	0.3	0.0	0.0	0.5	0.0	0.0	0.4
	2	0.2	0.5	0.0	0.0	0.0	0.0	0.8
	3	0.6	0.0	0.4	0.7	0.0	0.0	1.6
	4	0.6	1.5	0.0	0.0	0.0	1.1	2.0
	5	0.8	0.5	0.4	0.2	0.0	1.1	2.7
	1–5	2.6	2.5	0.8	1.4	0.0	2.2	7.4

Too many cells (83%) have an expected count of fewer than 5.
<u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.

22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
   Analyses limited to respondents who met the following criteria:
   ❖ CCC-SLP
   ❖ Employed full time or part time
   ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 93	*n* = 255
Other; specify:	1	5.7	8.4	5.9	3.9	6.7	15.1	5.5
	2	0.9	1.0	2.0	0.5	0.0	1.1	0.8
	3	0.7	0.5	1.2	0.7	0.0	2.2	0.4
	4	1.1	0.5	1.2	1.9	0.0	0.0	0.4
	5	1.0	0.0	1.2	1.4	0.0	1.1	0.8
	1–5	9.4	10.4	11.3	8.4	6.7	19.4	7.8
		Too many cells (61%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

(Question 22 continues on next page.)

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22. (cont'd) What are the current <u>TOP 5</u> barriers to your providing telepractice to your patients? *Rank order your responses from 1 to 5, with 1 being the top barrier.* (Percentages; we changed the order of responses from alphabetic to descending order of frequencies of placement within the top 5 [i.e., 1–5]. Columns do not equal 100% because the remaining respondents did not select the barrier as one of their top 5. We calculated chi-square statistics on rankings of 0 to 5.)
Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time
- ❖ Primarily clinical service provider

Barrier		All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
		n = 1,485	*n* = 202	*n* = 256	*n* = 570	*n* = 45	*n* = 92	*n* = 256
No barriers	1	11.6	10.4	8.2	14.4	4.4	8.7	10.5
	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1–5	11.6	10.4	8.2	14.4	4.4	8.7	10.5
		Statistical significance: $\chi^2(5) = 10.9$, *p* = .054 Conclusion: There is not enough evidence from the data to say that the means vary by facility type.							

Note. 1 = the percentage who put that barrier in first place; 2 = the percentage who put that barrier in second place; 3 = the percentage who put that barrier in third place; 4 = the percentage who put that barrier in fourth place; 5 = the percentage who put that barrier in fifth place; 1–5 = the total percentage who selected the barrier for one of their top five barriers.

See Appendix D for list of specified other telepractice barriers, by facility.

Primary Service Provider

<table>
<tr>
<td colspan="2" rowspan="2"></td>
<td rowspan="2">All Facility Types
(n = 1,573)</td>
<td colspan="6">Facility Type</td>
</tr>
</table>

| 23. Who is the primary provider of <u>dysphagia</u> services in your facility? *Select only one response.* Analyses limited to respondents who met the following criteria:
 ❖ CCC-SLP
 ❖ Employed full time or part time |||||||||

Primary Provider	**All Facility Types** (*n* = 1,573)	**General Medical/VA/ LTAC/ University Hospital** (*n* = 222)	**Home Health/ Client's Home** (*n* = 246)	**Outpatient Clinic/Office** (*n* = 591)	**Pediatric Hospital** (*n* = 49)	**Rehab Hospital** (*n* = 104)	**Skilled Nursing Facility/ Subacute Care** (*n* = 292)
Occupational therapist (OT)	4.2	0.0	7.7	7.4	6.1	0.0	0.0
Physical therapist (PT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Speech-language pathologist (SLP)	94.1	100.0	90.2	89.7	89.8	100.0	100.0
Board-certified behavior analyst (BCBA)	0.1	0.0	0.0	0.2	0.0	0.0	0.0
Recreational therapist (RT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other; specify:	1.6	0.0	2.0	2.7	4.1	0.0	0.0
	Too many cells (54%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

24. Who is the primary provider of <u>cognitive-communication</u> services in your facility? *Select only one response.*
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Employed full time or part time

Primary Provider	All Facility Types (*n* = 1,571)	General Medical/VA/ LTAC/ University Hospital (*n* = 208)	Home Health/ Client's Home (*n* = 253)	Outpatient Clinic/Office (*n* = 607)	Pediatric Hospital (*n* = 47)	Rehab Hospital (*n* = 102)	Skilled Nursing Facility/ Subacute Care (*n* = 287)
				Facility Type			
Occupational therapist (OT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical therapist (PT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Speech-language pathologist (SLP)	98.3	99.0	96.0	97.5	100.0	100.0	100.0
Board-certified behavior analyst (BCBA)	0.6	0.0	1.6	0.8	0.0	0.0	0.0
Recreational therapist (RT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other; specify:	1.1	1.0	2.4	1.6	0.0	0.0	0.0
	Too many cells (61%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

See Appendix D for list of specified other providers, by facility.

Demographics

		Facility Type					
Experience	**All Facility Types** (*n* = 1,671)	**General Medical/VA/ LTAC/ University Hospital** (*n* = 222)	**Home Health/ Client's Home** (*n* = 276)	**Outpatient Clinic/Office** (*n* = 654)	**Pediatric Hospital** (*n* = 50)	**Rehab Hospital** (*n* = 104)	**Skilled Nursing Facility/ Subacute Care** (*n* = 293)
25th percentile	7.0	7.0	9.0	5.0	7.0	6.0	8.0
50th percentile **(Median)**	14.0	12.5	16.0	12.0	15.0	11.0	15.0
75th percentile	25.0	23.0	25.0	23.0	23.0	25.0	26.0
Mean	16.3	15.5	18.4	15.2	15.6	15.4	17.6
Standard deviation	11.8	10.8	11.9	11.9	10.6	11.6	12.1
Mode	12.0	7.0	15.0	2.0	1.0	7.0	12.0

25. How many years have you been employed in the speech-language pathology profession? *Exclude your clinical fellowship. Round to the nearest full year. Enter "0" if you have never been employed as an SLP.*
   Analyses limited to respondents who met the following criteria:
   - CCC-SLP
   - Years reported: 1 or more

Statistical significance: $F_{(5, 1593)}$ = 4.0, **p = .001**
Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.

26. Identify any graduate degrees you have earned. *Count only <u>actual degrees</u>—not equivalencies or certificates—and do not include degrees expected but not yet conferred. Select all that apply.*
Analyses limited to respondents who met the following criterion:
   ❖ CCC-SLP

Degrees	Facility Type						
	All Facility Types	General/VA/ Military/ LTAC/ University Hospital	Home Health/ Client's Home	Outpatient Clinic/Office	Pediatric Hospital	Rehab Hospital	Skilled Nursing Facility/ Subacute Care
	n = 1,677	*n* = 223	*n* = 277	*n* = 654	*n* = 50	*n* ≥ 104	*n* ≥ 295
Master's	98.5	97.8	98.2	98.8	100.0	99.0	98.3
Clinical doctorate (e.g., SLPD, CScD)	0.5	0.9	0.0	0.6	0.0	0.0	0.7
Research doctorate (i.e., PhD)	1.1	1.3	1.1	1.5	0.0	1.0	0.3
Other doctorate; specify:	0.4	0.0	0.0	0.8	0.0	0.0	0.3
Recoded, combining doctoral degrees							
	n = 1,667	*n* = 221	*n* = 275	*n* = 651	*n* = 50	*n* = 104	*n* = 295
Master's	98.1	97.7	98.9	97.1	100.0	99.0	98.6
Doctorate	1.9	2.3	1.1	2.9	0.0	1.0	1.4
	Too many cells (25%) have an expected count of fewer than 5. <u>Conclusion</u>: Too little data are available in some facility categories to test whether responses vary by facility type.						

See Appendix D for list of specified other doctoral degrees, by facility.

27. Which <u>one</u> of the following best describes where you work?

    Analyses limited to respondents who met the following criteria:
- ❖ CCC-SLP
- ❖ Employed full time or part time

Area	Facility Type						
	All Facility Types (*n* = 1,640)	General Medical/VA/ LTAC/ University Hospital (*n* = 220)	Home Health/ Client's Home (*n* = 266)	Outpatient Clinic/Office (*n* = 644)	Pediatric Hospital (*n* = 48)	Rehab Hospital (*n* = 104)	Skilled Nursing Facility/ Subacute Care (*n* = 288)
City/urban area	43.8	55.5	32.3	43.9	79.2	60.6	36.5
Suburban area	41.7	34.5	47.7	44.1	18.8	32.7	41.3
Rural area	14.5	10.0	19.9	12.0	2.1	6.7	22.2
Not currently employed (SKIP to Q. 29.)	Removed from analyses						
	Statistical significance: $\chi^2(10) = 85.3$, **p = .000,** Cramer's *V* = .165 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						

28. In what state is your primary employment FACILITY located?
    Analyses limited to respondents who met the following criteria:
    ❖ CCC-SLP
    ❖ Employed full time or part time

Region and Division	Facility Type						
	All Facility Types (*n* = 1,669)	General Medical/VA/ LTAC/ University Hospital (*n* = 221)	Home Health/ Client's Home (*n* ≥ 276)	Outpatient Clinic/Office (*n* ≥ 651)	Pediatric Hospital (*n* ≥ 50)	Rehab Hospital (*n* = 105)	Skilled Nursing Facility/ Subacute Care (*n* = 294)
Northeast	**16.4**	**14.0**	**22.8**	**9.7**	**13.7**	**15.2**	**24.8**
Middle Atlantic	11.8	9.0	19.1	6.7	10.0	9.5	17.0
New England	4.7	5.0	3.6	2.9	2.0	5.7	7.8
Midwest	**25.7**	**24.9**	**19.9**	**26.6**	**33.3**	**25.7**	**29.9**
East North Central	18.5	18.1	16.6	18.1	28.0	13.3	22.8
West North Central	7.2	6.8	3.2	8.4	6.0	12.4	7.1
South	**38.7**	**37.1**	**39.5**	**40.7**	**37.3**	**41.9**	**35.4**
East South Central	6.1	5.4	5.8	6.7	4.0	4.8	6.8
South Atlantic	20.3	24.0	18.4	20.7	16.0	22.9	20.4
West South Central	12.2	7.7	15.2	13.3	18.0	14.3	8.2
West	**19.2**	**24.0**	**17.8**	**23.0**	**15.7**	**17.1**	**9.9**
Mountain	8.0	7.7	9.0	10.1	6.0	5.7	3.7
Pacific	11.2	16.3	9.0	12.9	10.0	11.4	6.1
	FOR 4 REGIONS: $\chi^2(15)$ = 70.5, ***p* = .000,** Cramer's *V* = 121 FOR 9 DIVISIONS: $\chi^2(40)$ = 110.7, ***p* = .000,** Cramer's *V* = .118 <u>Conclusion</u>: There is adequate evidence from the data to say that the responses vary by facility type.						

Note. Division frequencies may not equal those of the region, and column sums may not equal 100% because of rounding. List of states in each division and region is located in Appendix B.

29. Would you like to be entered into a drawing for a $500 Amazon gift card as a thank you for completing this survey? (Percentages)

Analyses limited to respondents who met the following criterion:
  ❖ CCC-SLP

Device	Facility Type						
	All Facility Types (*n* = 1,662)	General Medical/VA/ LTAC/ University Hospital (*n* = 221)	Home Health/ Client's Home (*n* = 273)	Outpatient Clinic/Office (*n* = 651)	Pediatric Hospital (*n* = 50)	Rehab Hospital (*n* = 103)	Skilled Nursing Facility/ Subacute Care (*n* = 291)
Yes	96.6	93.7	98.5	97.1	94.0	98.1	96.6
No	3.4	6.3	1.5	2.9	6.0	1.9	3.4
		Statistical significance: $\chi^2(5)$ = 11.4, **p = .044,** Cramer's *V* = .085 Conclusion: There is adequate evidence from the data to say that the responses vary by facility type.					
		One name was randomly selected from 1,602 respondents who replied *Yes*.					

Appendix A

Facilities

Facilities comprising the six health care facilities for which data are provided in the frequency tables:

"General/VA/Military/LTAC/University Hospital"
- General medical hospital
- Veterans Affairs (VA) hospital/medical center
- Military hospital
- Long-term acute care hospital (LTAC) hospital
- University hospital

"Home Health/Client's Home"
- Home health agency
- Client's home

"Outpatient Clinic/Office"
- Clinic chain or franchise
- Outpatient rehabilitation center
- Private physician's office
- Speech-language pathologist's or audiologist's office
- Speech and hearing center or clinic
- Speech/language clinic

"Pediatric Hospital"

"Rehab Hospital"
- Rehabilitation hospital

"Skilled nursing facility/Subacute care"
- Skilled nursing facility
- Subacute/transitional care

Appendix B

Regions of the Country

Regions of the Country

♦ Middle Atlantic
  o New Jersey
  o New York
  o Pennsylvania
♦ New England
  o Connecticut
  o Maine
  o Massachusetts
  o New Hampshire
  o Rhode Island
  o Vermont

South
♦ East South Central
  o Alabama
  o Kentucky
  o Mississippi
  o Tennessee
♦ South Atlantic
  o Delaware
  o District of Columbia
  o Florida
  o Georgia
  o Maryland
  o North Carolina
  o South Carolina
  o Virginia
  o West Virginia
♦ West South Central
  o Arkansas
  o Louisiana
  o Oklahoma
  o Texas

Midwest
♦ East North Central
  o Illinois
  o Indiana
  o Michigan
  o Ohio
  o Wisconsin
♦ West North Central
  o Iowa
  o Kansas
  o Minnesota
  o Missouri
  o Nebraska
  o North Dakota
  o South Dakota

West
♦ Mountain
  o Arizona
  o Colorado
  o Idaho
  o Montana
  o Nevada
  o New Mexico
  o Utah
  o Wyoming
♦ Pacific
  o Alaska
  o California
  o Hawaii
  o Oregon
  o Washington

Appendix C

Statistics

Statistics used in this summary report include the following notations and descriptions:

Notation	Description

Response rate	The percentage of individuals who were included in the sample, minus any who were ineligible
	
	RR $=$ $\dfrac{(C + P)}{S - (Ret + I)}$
	
	Where RR $=$ Response rate
	                C $=$ Number of completed surveys
	                P $=$ Number of partial surveys
	                S $=$ Sample size
	                Ret $=$ Ineligible because of retirement
	                I $=$ Ineligible for other reasons (e.g., does not work in schools, no longer in the field, on leave of absence)
	
	RR $=$ $\dfrac{1,677}{5,000 - (6 + 131)}$ $=$ **34.5%**

n	The number in the sample. In this report, the number of people who answered a particular question.
Mean	A measure of central tendency; an average. Add the total of all the values and divide by the number of items. Example: (1 + 1 + 7 + 34 + 88) / 5 = 26.2
Standard deviation	A statistic that shows the spread of scores in a distribution. Used with means. The larger the standard deviation, the more widely the scores are spread out around the mean.[1] About 68% of the measurement is between 1 standard deviation greater than and 1 standard deviation smaller than the mean; 95% are plus/minus 2 standard deviations. Example: (1 + 1 + 7 + 34 + 88) Standard deviation = 37.1 Therefore, 68% of the responses are between -10.9 and 63.3
Median	A measure of central tendency. Arrange the values in order, from lowest to highest. Select the value in the middle position. Example: 1, 1, 7, 34, 88 Median = 7
	Appendix C continues on next page.

Notation	Description
Mode	A measure of central tendency; an average. The value that occurs more frequently than any other value. Example: 1, 1, 7, 34, 88 Mode = 1
Statistical significance	Describes whether a value is larger or smaller than would be expected by chance alone. Note that a large sample size can lead to results that are "statistically significant" even though the results themselves may not have substantive or practical significance. This is particularly true for chi-square (χ^2) tests.[1]
Chi-square (χ^2)	A test used to assess the statistical significance of a finding where the variables being assessed are nominal (e.g., annual salary and hourly salary) or ordinal (e.g., excellent, good, fair, and poor). It measures whether there are statistically significant differences between the observed frequencies and the expected frequencies of two variables. The larger the observed frequency is in comparison with the expected frequency, the larger the χ^2 statistic and the more likely the difference is statistically significant. When the sample size is large, large χ^2 values (that is, ones that that are statistically significant) can be obtained even for weak associations.[1]
Cramer's *V*	A measure of the <u>strength</u> of the association, used with χ^2 statistics to identify the meaningfulness of a relationship. The χ^2 value may be large with a small probability ($p < .05$) of having occurred by chance. That is, it is "statistically significant at the .05 level." Cramer's *V* is a measure of how strong (practically important) the relationship is between the variables. The larger the Cramer's *V*, the stronger the association.
ANOVA (*F*)	*F* is the statistic computed when conducting an analysis of variance (ANOVA). *Analysis of variance* measures the differences between means on two or more variables. It is used when independent variables are categorical and a dependent variable is continuous.[1]
p	Probability. Found in expressions such as *p* = .003 meaning "The probability that this result could have been produced by chance is 1 in 3/1000ths. The smaller the number, the less likely that the result was due to chance. The *p* value is the actual probability associated with an obtained statistical result, such as χ^2 or *F*.[1]
df	Degrees of freedom. The number of values that are free to vary when computing a statistic. Used in interpreting both a χ^2 and an *F* ratio. It is calculated in a cross-tabulation as (R – 1) (C – 1) or (the number of rows minus 1) times (the number of columns minus 1). In a 3 × 4 table, *df* would be 6.

[1] Vogt, W. P. (1993). *Dictionary of statistics and methodology*. Newbury Park, CA: Sage.

Appendix D

Open-Ended Responses

Question 6. Other Health Care Facility, Specified

I left acute care/outpatient setting due to the
    (productivity) questions you asked.
Mobile MBS and FEES
Telepractice

Question 17. Other Productivity Activity, Specified

General/VA/Military/LTAC/University Hospital

11 Units per 8 hours
AAC development
Administration work
Administrative tasks such as assigning caseloads
Chart review
Chart review; new eval
Documentation for evals only
Eval paperwork only
Family education/training
Gathering trials of foods
Mentorship
Scheduling
Supervision of CF
Supervisory tasks
Training new staff
Training team members
We deduct meeting time from our day; see less patients when we have meetings

Home Health/Client's Home

Committees
IFSP meetings
IFSPs
Meetings & trainings over 1 hour
Mileage driven
Monthly supervision; some specific required trainings annually
Parent education activities
Points per visit; avg 30 hours tx + drive time
Progress summaries
Specialty mtgs employer required and continuing education marketing
Travel to patient's home

Outpatient Clinic/Office

AAC programming
Admin duties
Admin paperwork time
Admin projects above the usual
Administrative team lead
Development of How-To docs for dept.
Education seminars & meetings
Family conferences
Mandatory CBTs
Mandatory education
Mandatory state CEUs
Mandatory trainings
Meetings
Meeting with parents
Occasionally documentation
Returning calls to clients; calling insurances about coverage
Staff meetings
Supervision
Support/maintenance groups
Training, collaborating, etc.

Pediatric Hospital

Approved mentor hours
Coordinating students
Prep & clinical meetings for program groups only
Rounds
Student training
Training new staff

Rehab Hospital

15 minutes per eval
Committees
Family training charged to nonpt CPT
Learning modules (annual)

Skilled Nursing Facility

CF Mentor/supervision
CF supervision
Chart review
Chart review and write up for evaluation
    only
Contract/PRN
Edu/speaking with nursing staff
Educating family members
Eval, chart review, doc
Expected to complete without affecting
    productivity
Family education; payroll
Formal training
Parts of some meetings
Scoring and interpreting cog and
    dysphagia tests
There are areas in Net Health to specify
    "nonproductive" time for rehab
    meeting/screens

Other Facility

Screens

Question 19. Other Pediatric Services, Specified

General/VA/Military/LTAC/University Hospital

Facial range of motion for burns

Home Health/Client's Home

Assessment only
Deaf and hard of hearing
Developmental delay
Down syndrome children
Executive skills
Expressive/receptive language delay
Language delay
Language development
Orofacial myology (*n* = 2)
Receptive and expressive language delay
Social pragmatics
Speech development

Outpatient Clinic/Office

Aural (re)habilitation
Aural rehabilitation (*n* = 2)
Combination of many
Delayed R/E lang
Developmental clinical assessments
Early intervention
Language (2 to 3 yr)
Late talker
Mixed receptive/expressive language
MYO
Myofunctional disorders and TOTS
NICU follow up; Early intervention
OMT
Orofacial myofunctional
Orofacial myofunctional disorders
Orofacial myofunctional therapy

Orofacial myology
Orofacial myology, ages 5 to 18
Pediatric feeding disorders
Pragmatic language
Pragmatics
Pragmatics/social
Social pragmatics
Social skills

Pediatric Hospital

Aphasia, dysarthria
Auditory re/habilitation
Aural habilitation
Aural habilitation +++ deaf and hard of hearing
Birth to three; trauma
Cochlear implant
Deaf/hard of hearing
Developmental care
Developmental communication
Early childhood language
Early Intervention
Early language intervention
Early language tx
Early language; feeding
Hearing loss (*n* = 4)
NICU (*n* = 2)
NICU/developmental
Orofacial myology
Oromyofunctional
Pragmatic language
Pre-linguistic preschool language and speaking valve
Prelinguistic stim
TBI
VCD
VFSS

Rehab Hospital

Early language

Skilled Nursing Facility

Trach/vent/PMV

Other facility

Cochlear implant
Early INT language

Q. 20. Other Adult Services, Specified

General/VA/Military/LTAC/University Hospital

Almost all cognitive
Aphasia secondary to tracheostomy
Laryngectomy
PMV (*n* = 3)
PMV evaluation
PMV evaluation and tx
PMV/tracheostomy
Speaking valve
Speaking valve/trach mgmt
Trach
Trach PMV (*n* = 3)
Trach/vent or Trach-voice
Trach/voice
Tracheostomy
Trauma; TBI; concussion
Vocal fold dysfunction

Home Health/Client's Home

ALS
Aphonia/PMV
Fluency
General expressive language
Intellectual disabilities
Orofacial myology
Pragmatics/social
Social pragmatics

Outpatient Clinic/Office

Airway
Alaryngeal communication
Aural rehabilitation
Fluency (*n* = 5)
Head and neck cancer
Language
Language disorder
Laryngectomy
Laryngectomy population
Oral facial myofunctional tx
Pragmatic/social com
Speakout! POV P.D.
Vocal cord dysfunction

Pediatric Hospital

Selective mutism

Skilled Nursing Facility

Respiratory

Other facility

Head and neck cancer

No facility named

Speaking valve/tracheostomies

Q. 22. Other Telepractice Barriers, Specified

General/VA/Military/LTAC/University Hospital

Acute care
Acute care hospital; NA
Acute care--N/A
All inpatient caseload
Available but not needed
Clinic doesn't use it.
Hospital requires in patient/in person
I only treat inpatients
I work in acute care so all my patients are in the hospital.
I'm in house
Mostly not appropriate for inpatient population
No need at my facility
No opportunity for barriers
Not a thing in acute care
Not applicable for acute care/ICU setting
Not appropriate
Not appropriate for acute care (*n* = 2)
Not appropriate in hospital setting
Not appropriate to setting
Overall staffing
Patient client attendance
Provide offsite outpt services as needed
Scheduling
Time for patients to figure out and log on

Home Health/Client's Home

3 telepractice visits = 1 in-person visit for productivity. Disincentivized.
Admin does not understand what and how we practice
Agency does not do
Attention span of patient
Cannot provide E-Stim for dysphagia
Family not comfortable with telepractice
Have been approached online. Cost to recertify out of state

Home health is in the home.
Kid/family attention environment
Knowledge/cognitive deficit for access
Lack of electronic/digital resources
Lower reimbursement
Materials for telepractice not provided by employer
Medicare doesn't approve for home health
Not reimbursed by Medicare for adults
N/A Home care
NA; EI in our state does not allow for telepractice
Not best practice for age group 0-3
Not common
Not offered by employer
Not sure
Not used in my agency
Parent attention
Parents work; no time for teletx
Patients must be seen at home to receive payment for services.
Prefer in-person tx
PTs don't understand technology
This opportunity has not been brought up.
Unpredictable tech problems
We do not provide

Outpatient Clinic/Office

Appropriate materials
Challenges of caregiver's availability for therapy session
Did therapy during COVID--hated it
Difficulty adopting materials; Pts uncomfortable with coaching model
Do not want to provide
Facility does not provide tele
Feeding is only parental edu can't be billed
Full caseload
Having to pay for online activities
Hospital guidelines

Hospital setting cannot bill practice
I do not provide teletherapy
I hate it.
I prefer in person
Inconsistent attendance
Keeping kids on task
Lack of caregiver involvement
Lack of telehealth materials
Last min change to tele & limited time to prepare options
Limited internet
Limited telepractice activities/subscription paid for by facility
Most all clients want to come into clinic
Most returned for in person
No interactive activities
Not felt to be best care when in person is possible
Not interested
Not necessary
Only a few SLP facilities provide
Parents' unavailability
Patients are distracted.
Personal pref
Pt in other state without license
PT WIFI connection
Rare child who does not sit {????) in front of a screen
Technical difficulties with "Pattern" software

Pediatric Hospital

Access to tools
Advocating
Does not apply to NICU
I Work in NICU.
Family EDU/language
Hospital limitations (can't do at home)
I work in acute care.
Inpatient services
Limited materials that work with telepractice
Not part of service model
Work with patients in the hospital

Rehab Hospital

I do not provide teletherapy (*n* = 2)
Acute care
Acute care setting
Acute rehab
Caseload is in patient
HIPAA
I only serve inpatients.
Inpatient
Inpatient rehab (*n* = 3)
Inpatient service (*n* = 2)
IP rehab setting
Limited in-service/CEU hours
No interest (*n* = 2)
Not an option at my facility
Not appropriate for setting (*n* = 2)
Not done in hospitals I work at
Not offered at facility (*n* = 3)
Only during COVID
Pts are at rehab hospital
Reduced PT skills
Teletherapy not offered
Teletherapy uses more maintenance; didn't see true progress
We are a full in person facility
Work in inpatient rehab so no need for tele

Skilled Nursing Facility

Company has not permitted
Don't provide telepractice (*n* = 4)
I have no interest in it
No need - I am there in person
Not approved by insurance
Not available
Not available or an option
Not being considered where I work
Not ethical for swallowing tx in my opinion

Not relevant/needed
Not something that we are allowed to
    offer
PHE ending affecting telehealth
Scheduling
Self employed
Used for wrong purposes

No facility named

Limited access to high quality, engaging
    materials

Q. 24. Other Primary Providers of Cognitive-Communication Services, Specified

General/VA/Military/LTAC/University Hospital

50/50 SLP & OT
Both SLP and OT

Home Health/Client's Home

ABA providers
Developmental therapist; STs are just not as
    available.
DT
Equal PT/OT

Outpatient Clinic/Office

Both SLP & OT (n = 2)
SLP and OT share
OT and SLP equally
Not seen frequently
Outsource
Psychologist

Note: The purpose of questions 23 (primary provider of dysphagia services) and 24 (primary provider of cognitive-communication services) was to identify <u>one</u> person (i.e., the <u>primary</u> provider), so multiple responses were removed from the data.

Q. 26. Other Doctorate, Specified

Outpatient Clinic/Office

AuD
Doctor of musical arts/voice
EdD
JD

Skilled Nursing Facility

EdD